

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,398,272 B2
APPLICATION NO. : 10/804799
DATED : July 8, 2008
INVENTOR(S) : David Salim Hindawi et al.

Page 1 of 7

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page showing an illustrative figure and substitute the attached title page therefor.

Delete drawing sheets containing figures 3-14, and substitute the attached drawing sheets containing figures 3-14 therefor.

PAGE 1

- Replace drawing of FIGURE 3 with --- Replacement Sheet of FIGURE 3

PAGE 5

- Replace drawings of FIGURES 3 and 4 with --- Replacement Sheets of FIGURES 3 and 4

PAGE 6

- Replace drawings of FIGURES 5 and 6 with --- Replacement Sheets of FIGURES 5 and 6

PAGE 7

- Replace drawings of FIGURES 7, 8, and 9 with --- Replacement Sheets of FIGURES 7, 8, and 9

PAGE 8

- Replace drawings of FIGURES 10, 11, and 12 with --- Replacement Sheets of FIGURES 10, 11, and 12

PAGE 9

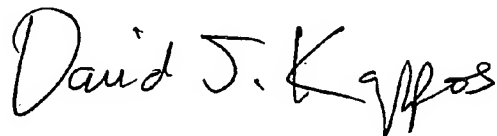
- Replace drawing of FIGURE 13 with --- Replacement Sheet of FIGURE 13

PAGE 10

- Replace drawing of FIGURE 14 with --- Replacement Sheet of FIGURE 14

Signed and Sealed this

Twenty-fourth Day of August, 2010

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Hindawi et al.

(10) **Patent No.:** **US 7,398,272 B2**
(45) **Date of Patent:** **Jul. 8, 2008**

(54) **ENTERPRISE CONSOLE**

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(73) Assignee: **Bigfix, Inc.**, Emeryville, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 462 days.

6,237,144	B1	5/2001	DeLo	
6,240,394	B1 *	5/2001	Lecker et al.	705/3
6,240,451	B1	5/2001	Campbell et al.	
6,256,668	B1	7/2001	Slivka et al.	
6,289,510	B1	9/2001	Nakajima	
6,321,258	B1	11/2001	Stollfus et al.	
6,324,691	B1	11/2001	Gazzdik	
6,324,693	B1	11/2001	Brodersen et al.	
6,327,617	B1	12/2001	Fawcett	
6,330,715	B1	12/2001	Razzaghe-Ashrafi	
6,345,386	B1	2/2002	DeLo et al.	
6,347,396	B1	2/2002	Gard	
6,347,398	B1	2/2002	Parthasarathy et al.	
6,353,926	B1	3/2002	Parthasarathy et al.	
6,353,928	B1	3/2002	Altberg et al.	
6,360,366	B1	3/2002	Heath et al.	
6,378,128	B1	4/2002	Edelstein et al.	

(Continued)

(21) Appl. No.: **10/804,799**

Primary Examiner—Cheryl Lewis

(22) Filed: **Mar. 19, 2004**

(74) Attorney, Agent, or Firm—Michael A. Glenn; Glenn Patent Group

(65) **Prior Publication Data**

(57) **ABSTRACT**

US 2005/0086534 A1 Apr. 21, 2005

Related U.S. Application Data

(60) Provisional application No. 60/457,480, filed on Mar. 24, 2003.

(51) **Int. Cl.**
G06F 17/30 (2006.01)

(52) **U.S. Cl.** **707/10; 707/5; 709/203**

(58) **Field of Classification Search** **707/10, 707/104.1, 5; 709/203**

See application file for complete search history.

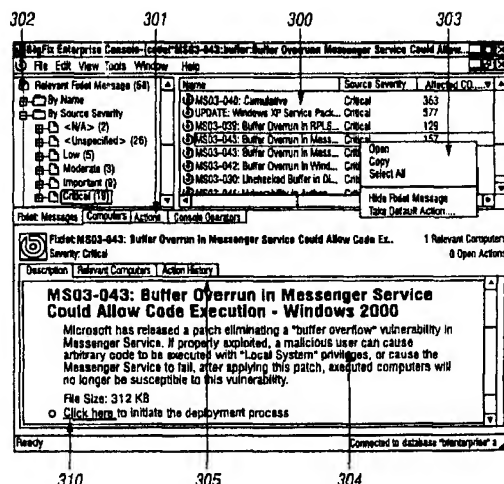
(56) **References Cited**

U.S. PATENT DOCUMENTS

5,586,304 A 12/1996 Stupek, Jr. et al.
6,161,218 A 12/2000 Taylor

A console for an enterprise suite is disclosed. The enterprise suite addresses the increasingly complex problem of keeping critical systems updated, compatible, and free of security holes. It uses Fixlet® technology to identify vulnerable computers on the network and then allows authorized personnel to correct problems across any subset of the network with a few simple mouse-clicks. The enterprise suite helps keep the networked computers updated and properly patched, all from a central console which, along with supporting architectural enhancements, is the subject matter of this document. The invention allows rolling out a security patch in minutes instead of months, thus allowing an administrator to stay ahead of potential hacker attacks. The invention also makes it possible to track the progress of each computer as updates are applied, thus making it simple to gauge the level of compliance across the entire enterprise.

65 Claims, 8 Drawing Sheets



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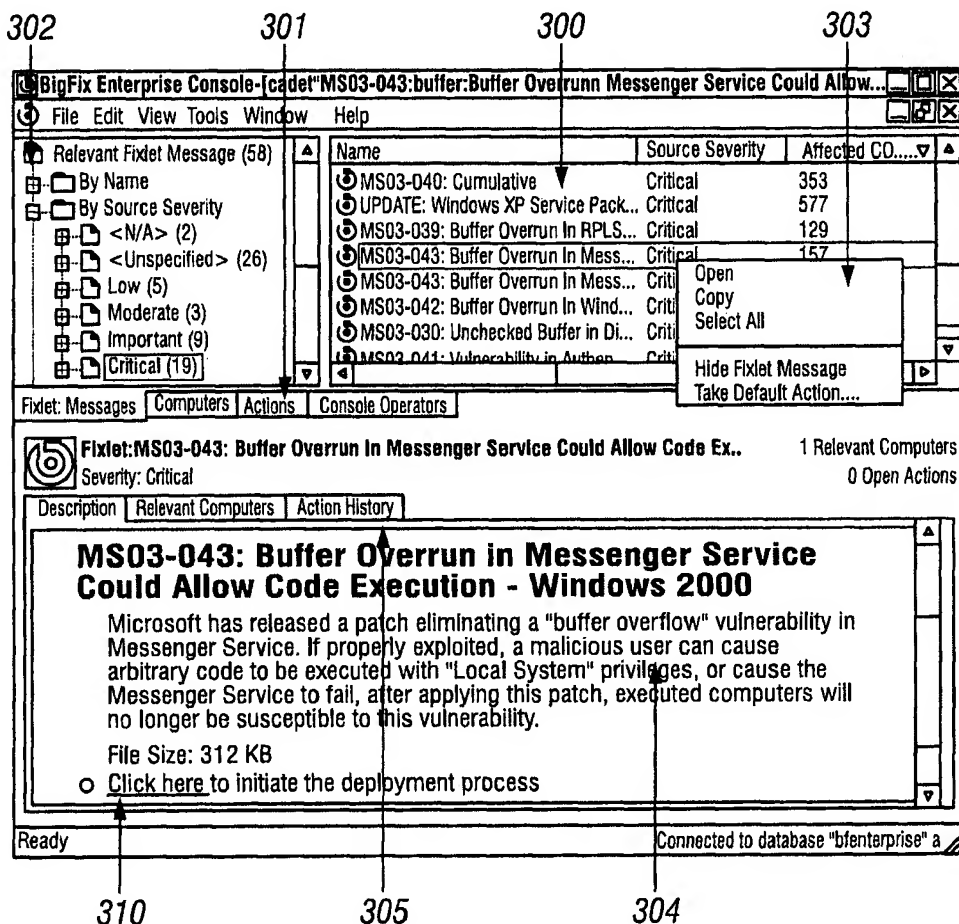


FIG. 3

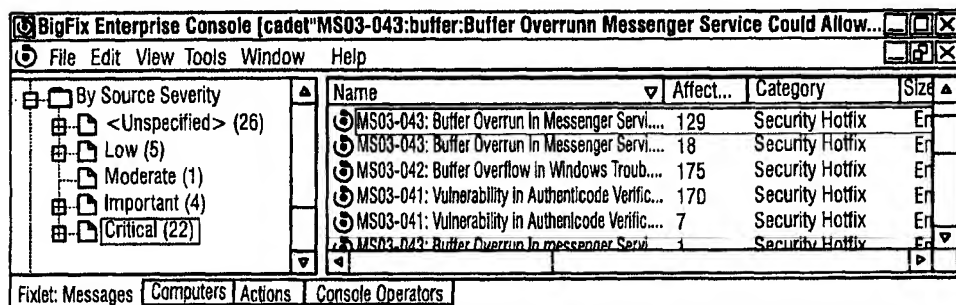


FIG. 4

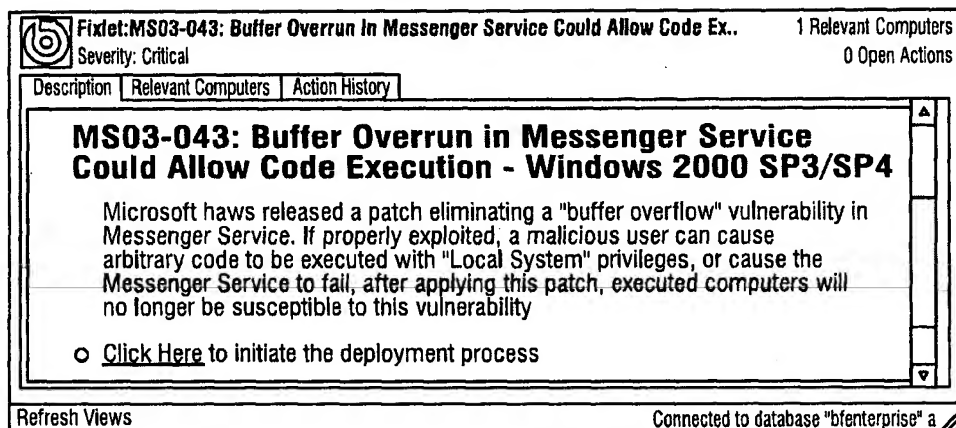


FIG. 5

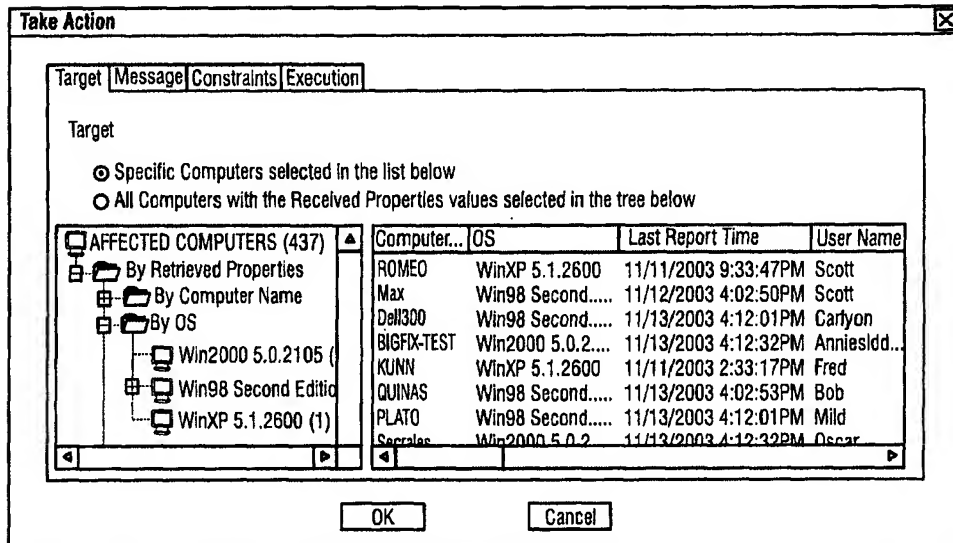



FIG. 6


Action: Assign Management Rights For Dennis
 Issued 10/19/2003 6:35:49 PM by John

4 Reported Computers
 4 Computers Fixed

Repaired Computers	Target	Message	Constraints	Execution	Action Script	Relavance
<ul style="list-style-type: none"> By Retrieved Properties By Status By Computer Name By Local 			<ul style="list-style-type: none"> Status Mixed Max 		Computer Name ROME	Last Repd 11/11/20

FIG. 7

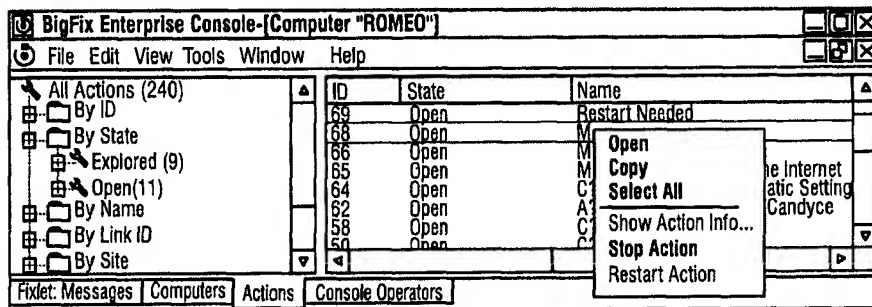




FIG. 8


Computer: DELL300
300 Mhz Pentium II Running Win98 Second Edition.67766448

27 Relevant Fixlet Messages
3 Open Actions

Relevant Fixlet Messages | Action History | Fixlet Message History | Retrieved Properties | Computer Settings | Management Rights

 Relevant Fixlet Message

☒ By Name

☒ By Source Severity

☐ <QUNAX> (1)

Name	Source Sev...	Category
MS02-044: Unsafe in Office Web Components	Critical	Enterprise
MS02-065: Buffer Overrun in Microsoft data a...	Critical	Security Hotf...
MS03-042: Buffer Overflow in...		
MS02-044: Unsafe in Office Web Components		

FIG. 9

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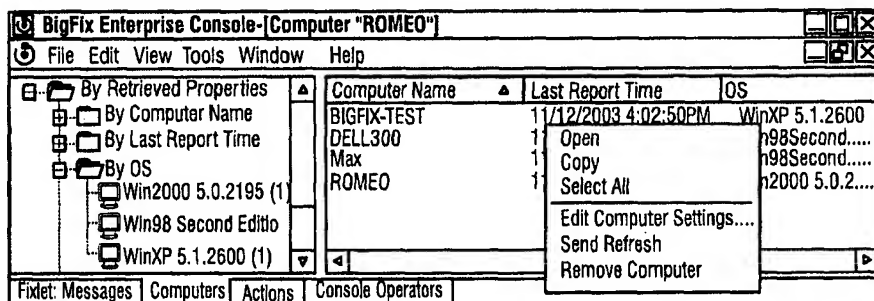


FIG. 10

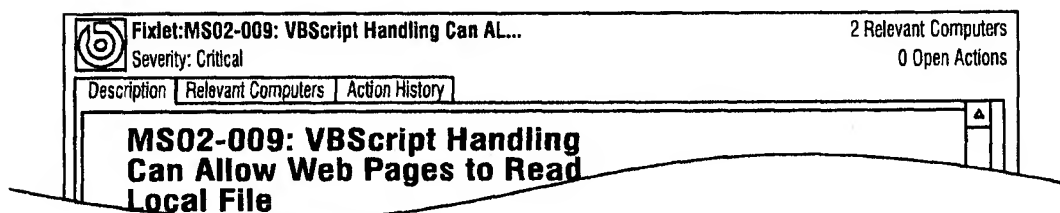


FIG. 11

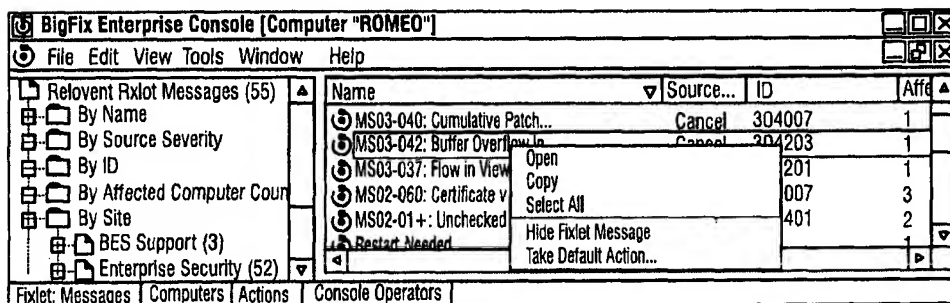


FIG. 12

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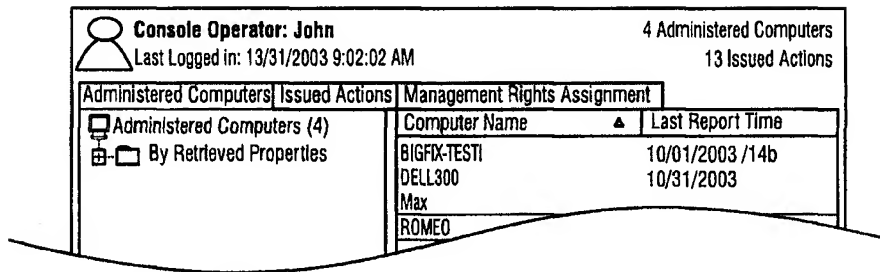


FIG. 13

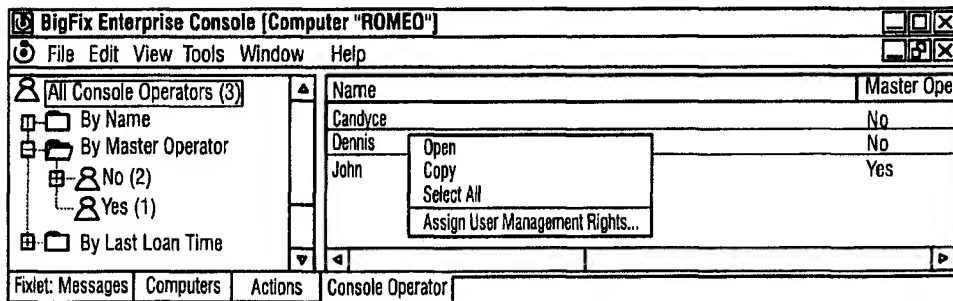


FIG. 14